Electronic Acknowledgement Receipt				
EFS ID:	5987804			
Application Number:	10781951			
International Application Number:				
Confirmation Number:	4445			
Title of Invention:	Transmit diversity and spatial spreading for an OFDM-based multi-anten communication system			
First Named Inventor/Applicant Name:	J. Rodney Walton			
Customer Number:	23696			
Filer:	Ross L Franks/Leeanne Lawlor			
Filer Authorized By:	Ross L Franks			
Attorney Docket Number:	040235			
Receipt Date:	31-AUG-2009			
Filing Date:	18-FEB-2004			
Time Stamp:	18:32:20			
Application Type:	Utility under 35 USC 111(a)			

## Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$180
RAM confirmation Number	5069
Deposit Account	170026
Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

Charge any Additional Fees required under 37 C.F.R. Section 1.16 (National application filling, search, and examination fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.17 (Patent application and reexamination processing fees)

<b>n</b> .1	T		F1 C1 (D 4 11		_
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.
	Information Disclosure Statement (IDS)	040235_IDS.pdf	609075	no	5
	Filed (SB/08)		cc20160ba6792f267d6a49c2bcab95f97e123 ca5		
Warnings:					
Information:					
2 Foreign Refe	Foreign Reference	WO04002011.pdf	3803630	no	60
	-		865bcb2be64f14677ac115f43e64243d105 3659f		
Warnings:					
Information:					
3 Foreign Reference	Foreign Reference	WO03041300.pdf	9833560	no	151
	,		7e6d633061b11aa91ceed14d3671cdddf4b cb50e		
Warnings:					
Information:					
4 Foreign Reference	JP200423416.pdf	2392170	no	15	
		ba14e930ac78616620322a214cf515fdd10 36af			
Warnings:	·				
Information:					
5 Foreign Reference	Foreian Reference	WO04002047.pdf	3378626	no	54
	, orangement and		f3fe301438876690fdf45cabce502159794b 10ef		
Warnings:					
Information:					
6 Foreign Reference	Foreign Reference	WO03058871.pdf	7444682	no	102
		813895cb20416ba514c8206ed4746163325 860e0			
Warnings:					
Information:					
7 Fee Wo	Fee Worksheet (PTO-875)	fee-info.pdf	30214	no	2
			75e3b9e93el754b659e70d094fafa9615c1d 754a		
Warnings:	·				
Information:					
		Total Files Size (in bytes)	274	91957	

Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

## New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-[d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

## National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

## New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.